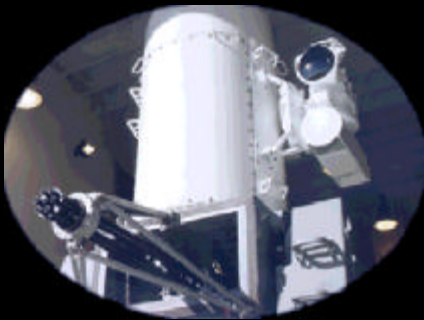


THEATER AIR DEFENSE
TAD
PROGRAM EXECUTIVE OFFICE



WHAT IS THEATER AIR DEFENSE?

**STRIKE / SHORE
FIRE SUPPORT**

**DEFENSE OF DEBARKATION
PORTS, COASTAL AIRFIELDS,
STAGING AREAS**

**AIRLIFT / SEALIFT
PROTECTION**

**POPULATION
CENTERS**

**ENABLING
FORCE**

**AMPHIBIOUS
OPERATIONS**

**EXPEDITIONARY
OPERATIONS
ASHORE**

**LAND BASED AIR
AND GROUND FORCES**

**SHIP SELF
DEFENSE**



***THE PRICE OF ADMISSION
TO THE THEATER***

EVOLVING THREAT



40s 50s 60s 70s 80s 90s...



HISTORY OF SHIP COMBAT SYSTEMS

KAMIKAZES

STAND ALONE
EQUIPMENT

**CRUISE
MISSILES**

INTEGRATED
COMBAT SYSTEMS

**LAND
ATTACK**

SHIP SYSTEM
ENGINEERING

COMPUTERS

MULTIFUNCTION
PHASED ARRAYS

LOOKOUTS

SEARCH RADAR

FC RADAR

ILLUMINATOR

FC COMPUTER

GUNS

MISSILES

NAVSEA

ASW

AAW

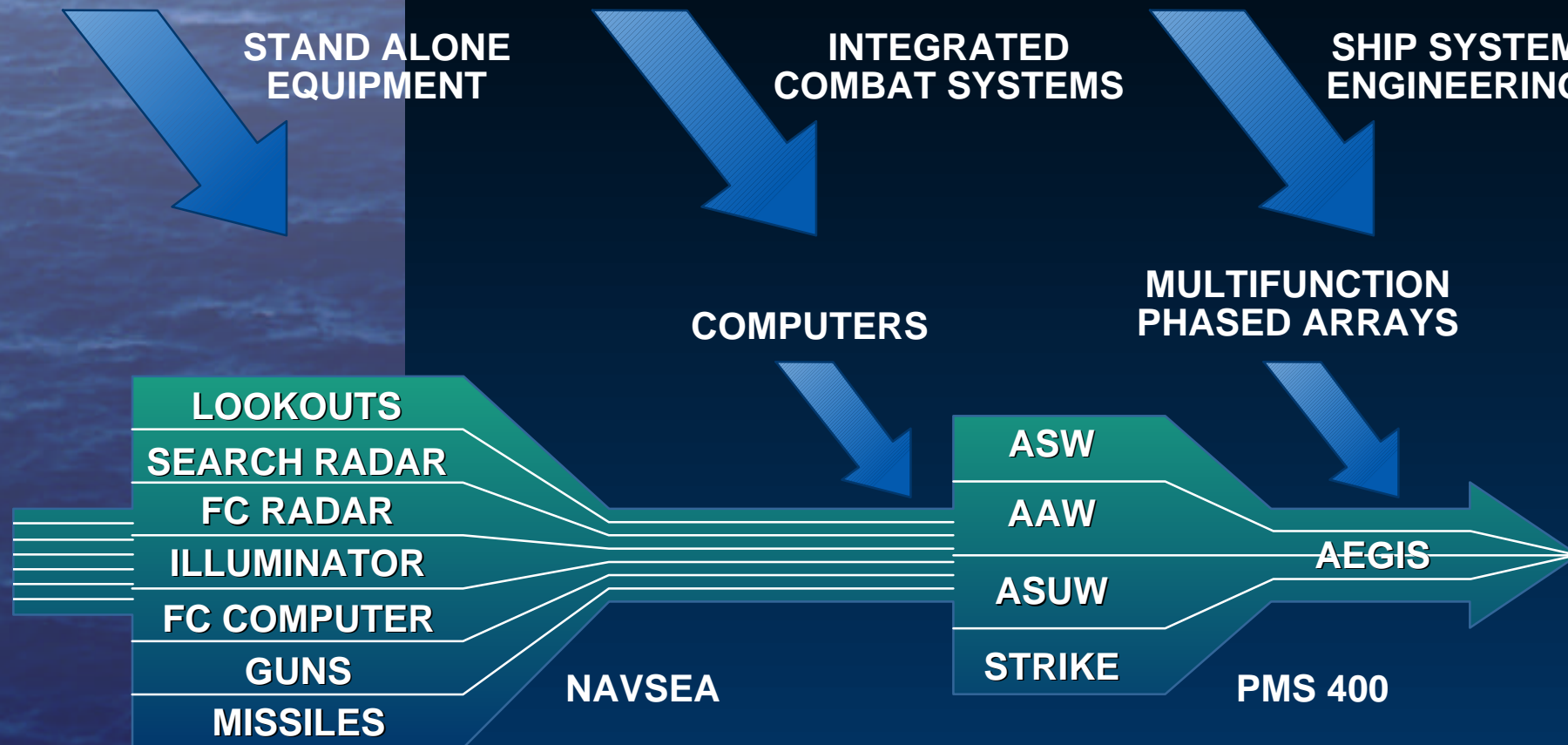
ASUW

STRIKE

AEGIS

PMS 400

BUORD / NAVORD



EVOLUTION TO THEATER WARFARE

**REGIMENTAL
RAIDS**

**BALLISTIC
MISSILES**

INDIVIDUAL SHIPS
AND AIRCRAFTS

INTEGRATED
BATTLE GROUPS

JOINT WARFARE
SYSTEM ENGINEERING

WIDEBAND
LINKS

AUTOMATED
DOCTRINE

E2-C

F-14

F/A-18

A-6

AEGIS CG / DDG

CV / CVN

FFG-7

DD-963

CVBG

SPAWAR

AWACS

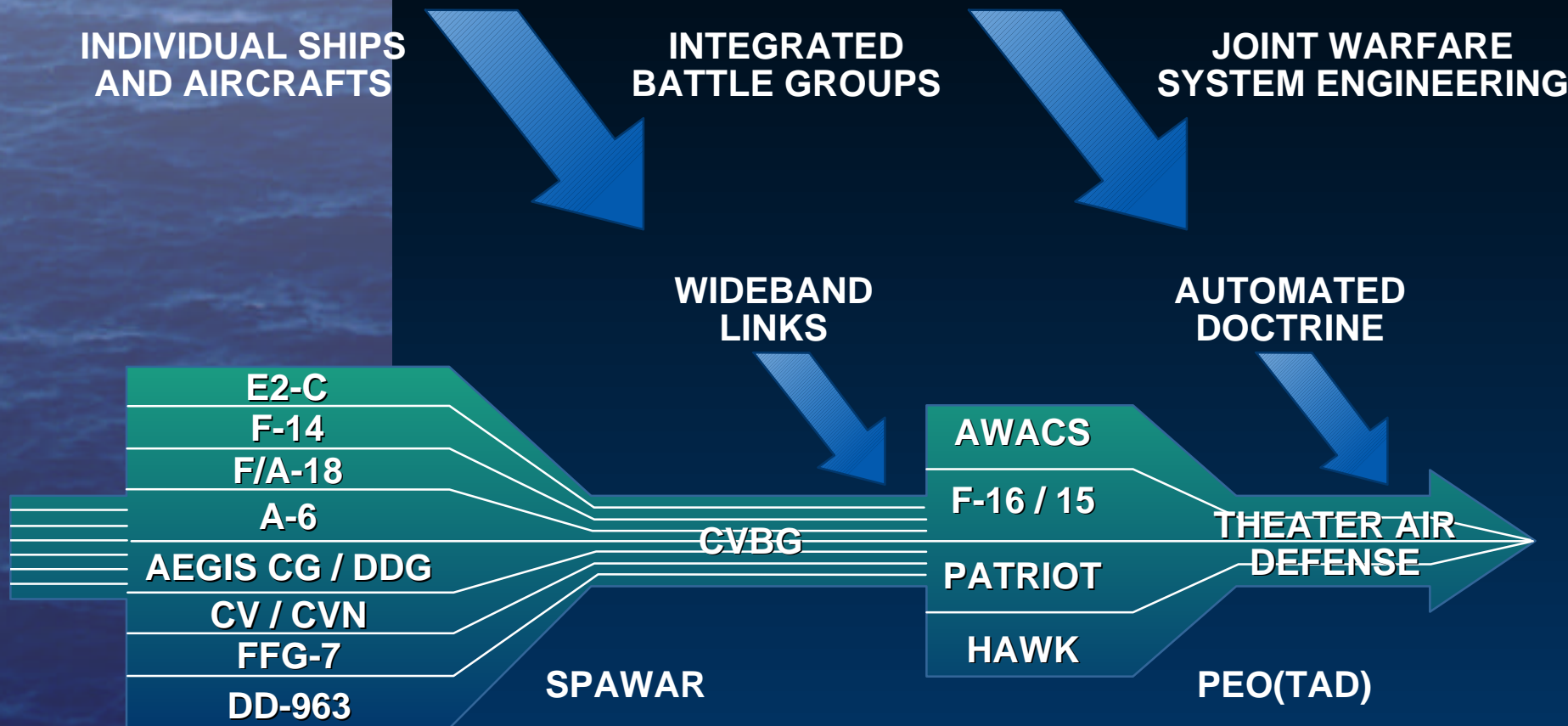
F-16 / 15

PATRIOT

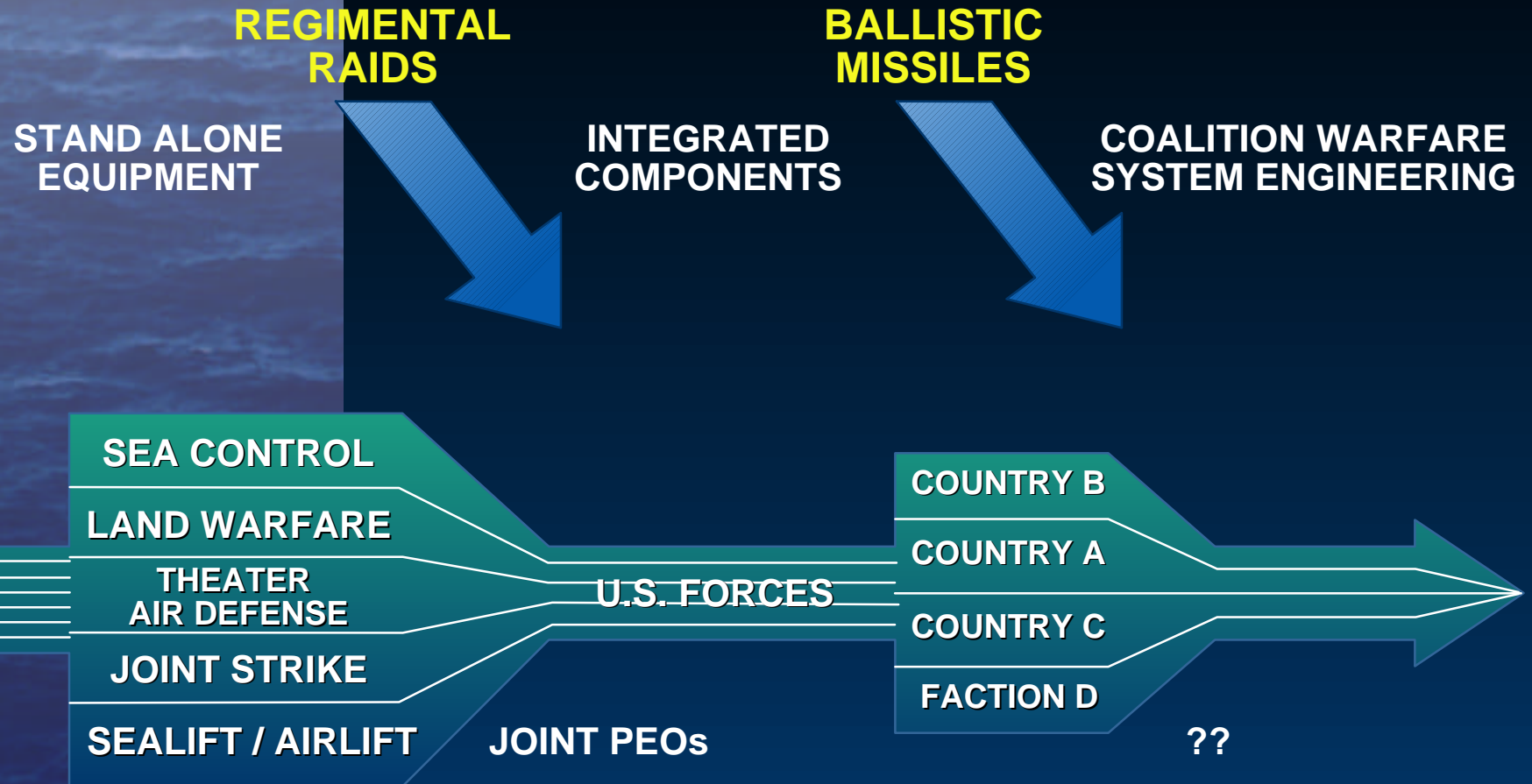
HAWK

THEATER AIR
DEFENSE

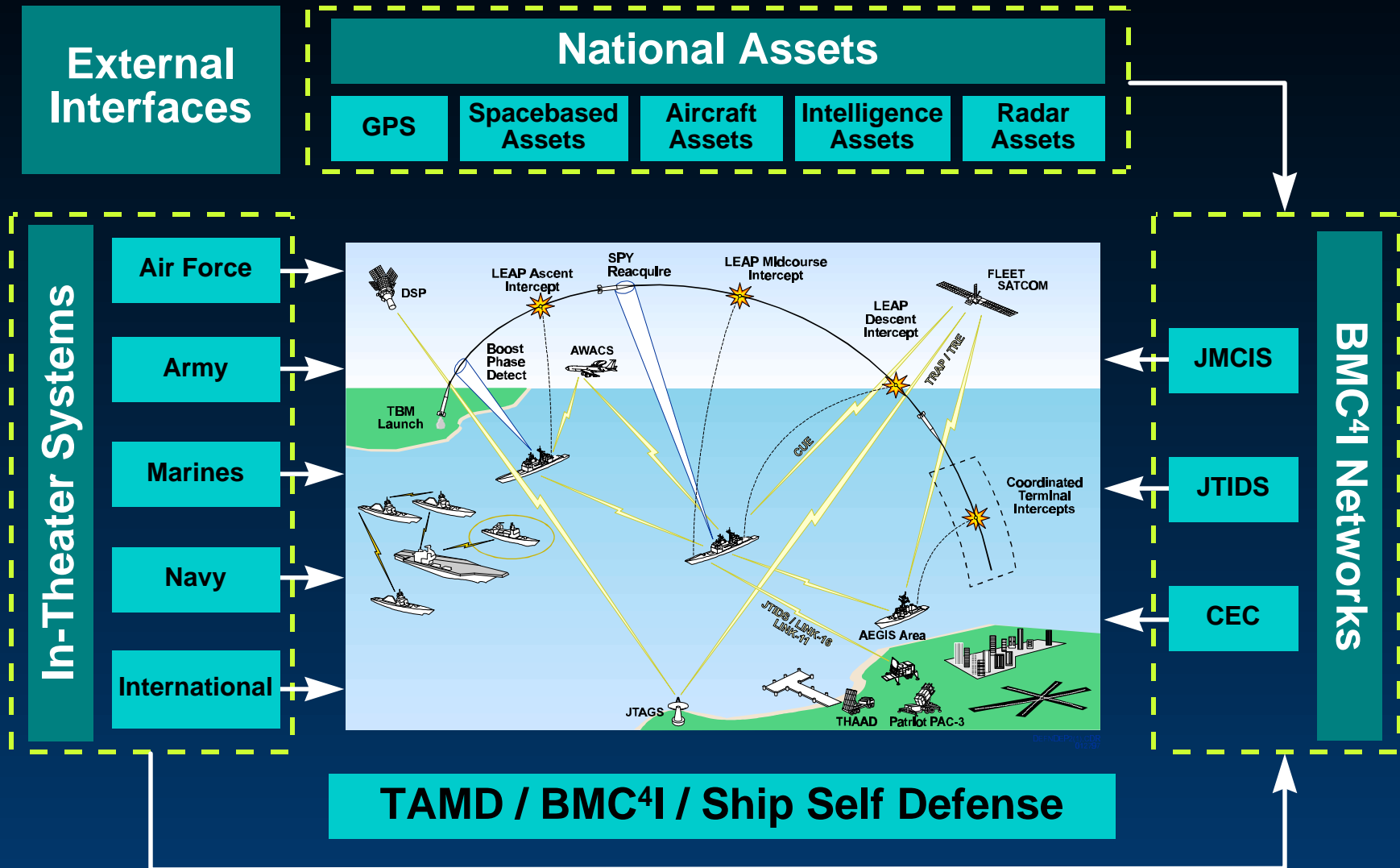
PEO(TAD)



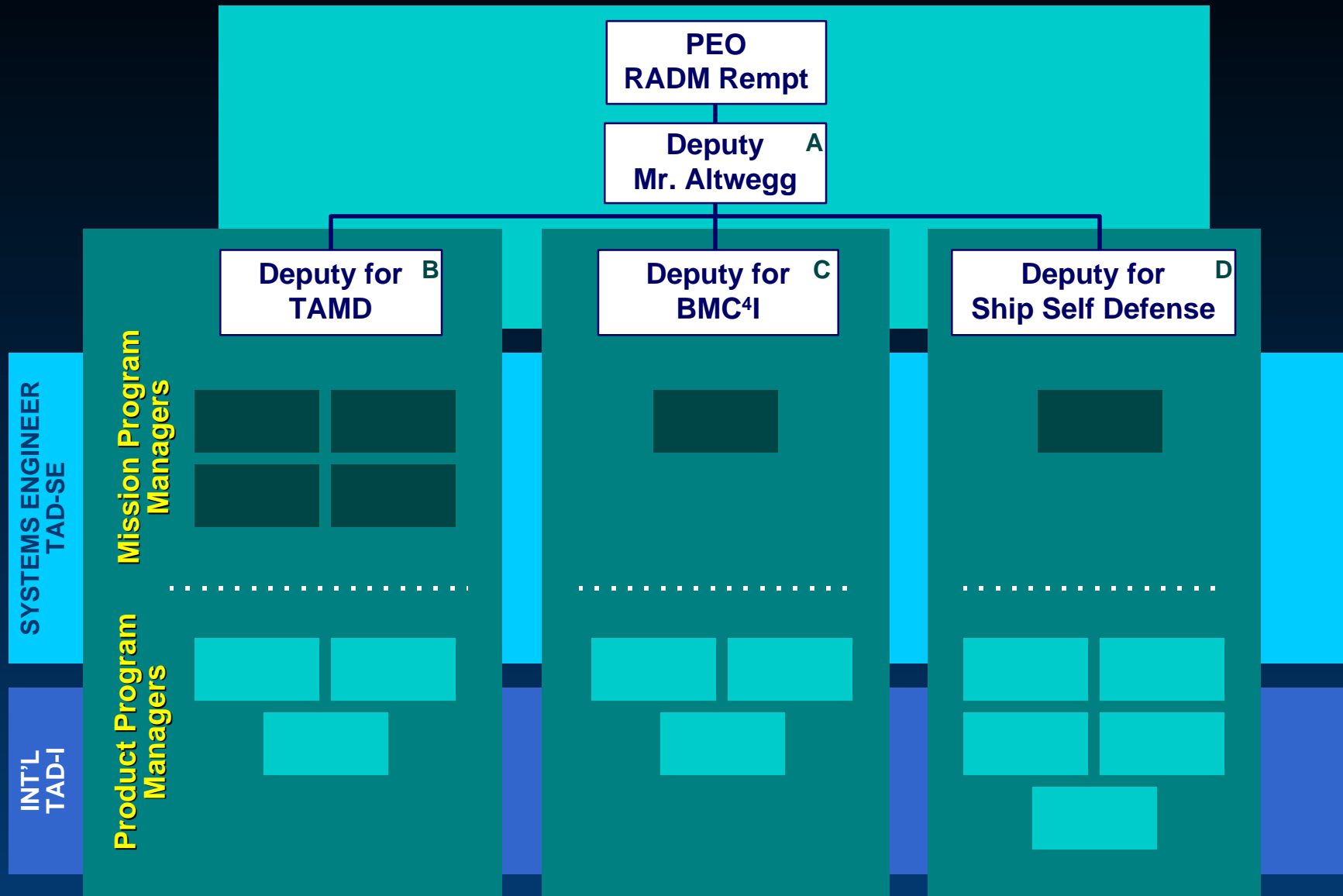
PATH TO THE FUTURE



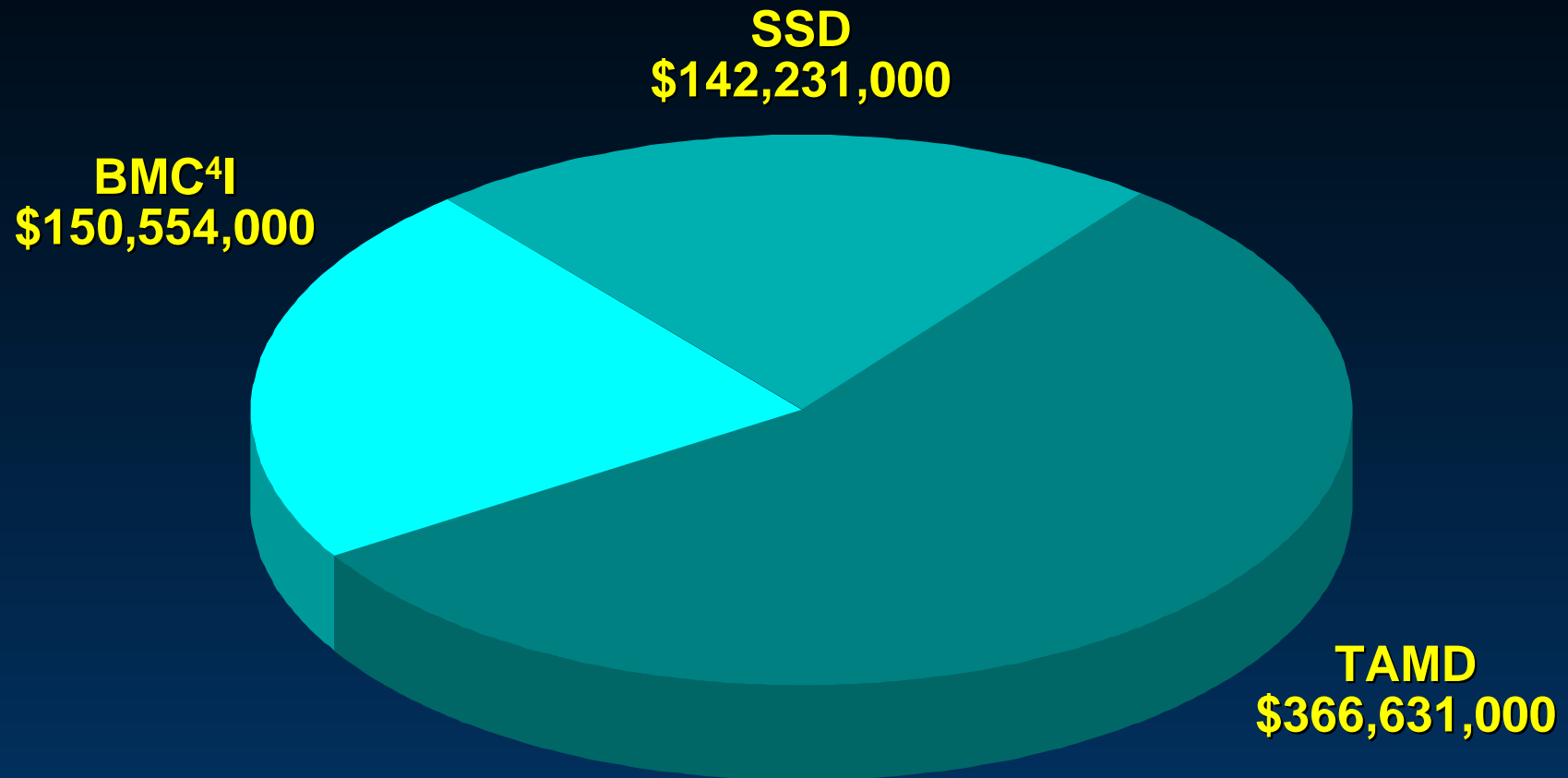
TOP LEVEL TAD SYSTEM



PEO(TAD) ORGANIZATIONAL CONCEPT

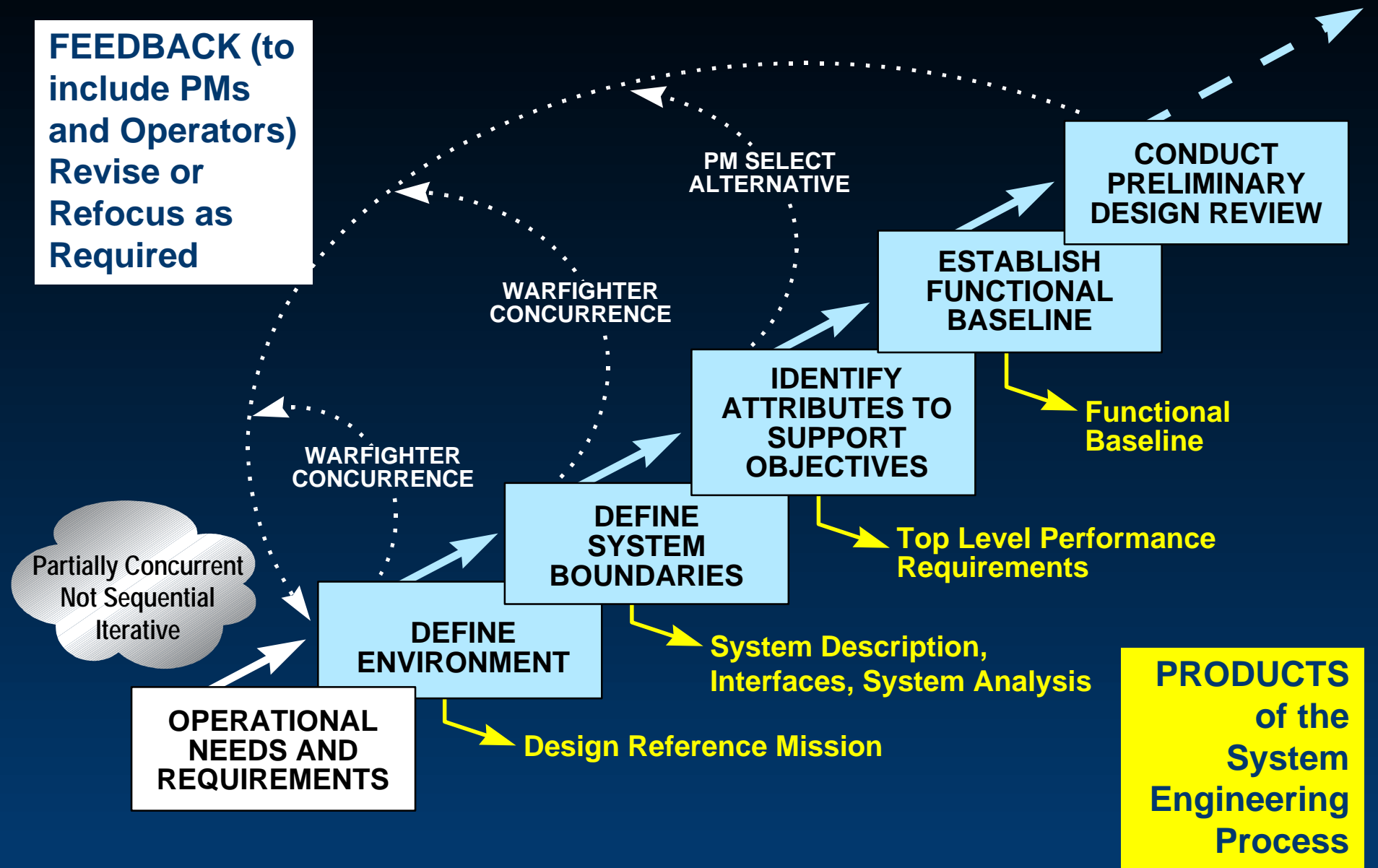


PEO(TAD) R&D BUDGET FY 98



Total: \$659,416,000

SYSTEM ENGINEERING



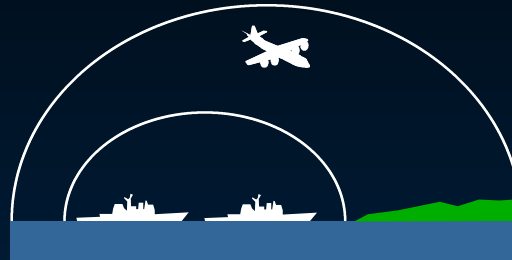
RESHAPING THE PARADIGM

TODAY

TOMORROW

OBJECTIVE:

**Fleet Air
Defense**



**Regional Air /
Sea / Land
Control**

RESHAPING THE PARADIGM

TODAY

TOMORROW

OBJECTIVE:

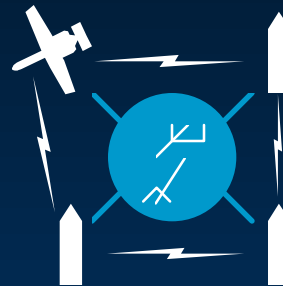
**Fleet Air
Defense**



**Regional Air /
Sea / Land
Control**

FOCUS:

**Detect
Control
Engage**



**Coherent
Tactical
Picture**

RESHAPING THE PARADIGM

TODAY

TOMORROW

OBJECTIVE:

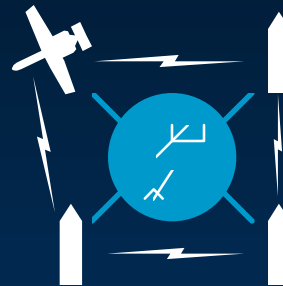
Fleet Air
Defense



Regional Air /
Sea / Land
Control

FOCUS:

Detect
Control
Engage



Coherent
Tactical
Picture

SYSTEM:

AEGIS
Ship



Joint Task
Force

